

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011524AL\
 Data File : FE046243.D
 Signal(s) : FID1B.ch
 Acq On : 16 Jan 2024 00:33
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Jan 16 02:38:17 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:49:54 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.827	4111375	22.624 ug/ml
Spiked Amount 50.000		Recovery =	45.25%
12) S 1-chlorooctadecane (S...	13.270	3032085	22.693 ug/ml
Spiked Amount 50.000		Recovery =	45.39%
Target Compounds			
1) T n-Nonane (C9)	3.214	3105530	20.292 ug/ml
2) T n-Decane (C10)	4.465	3293945	21.224 ug/ml
3) T A~Naphthalene (C11.7)	6.168	3524679	21.194 ug/ml
4) T n-Dodecane (C12)	6.632	3367690	21.569 ug/ml
5) T A~2-methylnaphthalene...	7.264	3416632	21.460 ug/ml
6) T n-Tetradecane (C14)	8.459	3376778	21.678 ug/ml
7) T n-Hexadecane (C16)	10.068	3479027	21.969 ug/ml
8) T n-Octadecane (C18)	11.512	3510435	22.304 ug/ml
10) T n-Eicosane (C20)	12.824	3400664	22.480 ug/ml
11) T n-Heneicosane (C21)	13.437	3331764	22.657 ug/ml
13) T n-Docosane (C22)	14.024	3294260	22.537 ug/ml
14) T n-Tetracosane (C24)	15.130	3224627	22.234 ug/ml
15) T n-Hexacosane (C26)	16.153	3135801	21.872 ug/ml
16) T n-Octacosane (C28)	17.105	3100778	21.620 ug/ml
17) T n-Tricontane (C30)	17.995	3303403	22.225 ug/ml
18) T n-Dotriacontane (C32)	18.831	3319132	22.192 ug/ml
19) T n-Tetratriacontane (C34)	19.614	3285004	22.931 ug/ml
20) T n-Hexatriacontane (C36)	20.360	3031314	20.791 ug/ml
21) T n-Octatriacontane (C38)	21.088	3363933	22.813 ug/ml
22) T n-Tetracontane (C40)	21.985	3521003	22.495 ug/ml

(f)=RT Delta > 1/2 Window

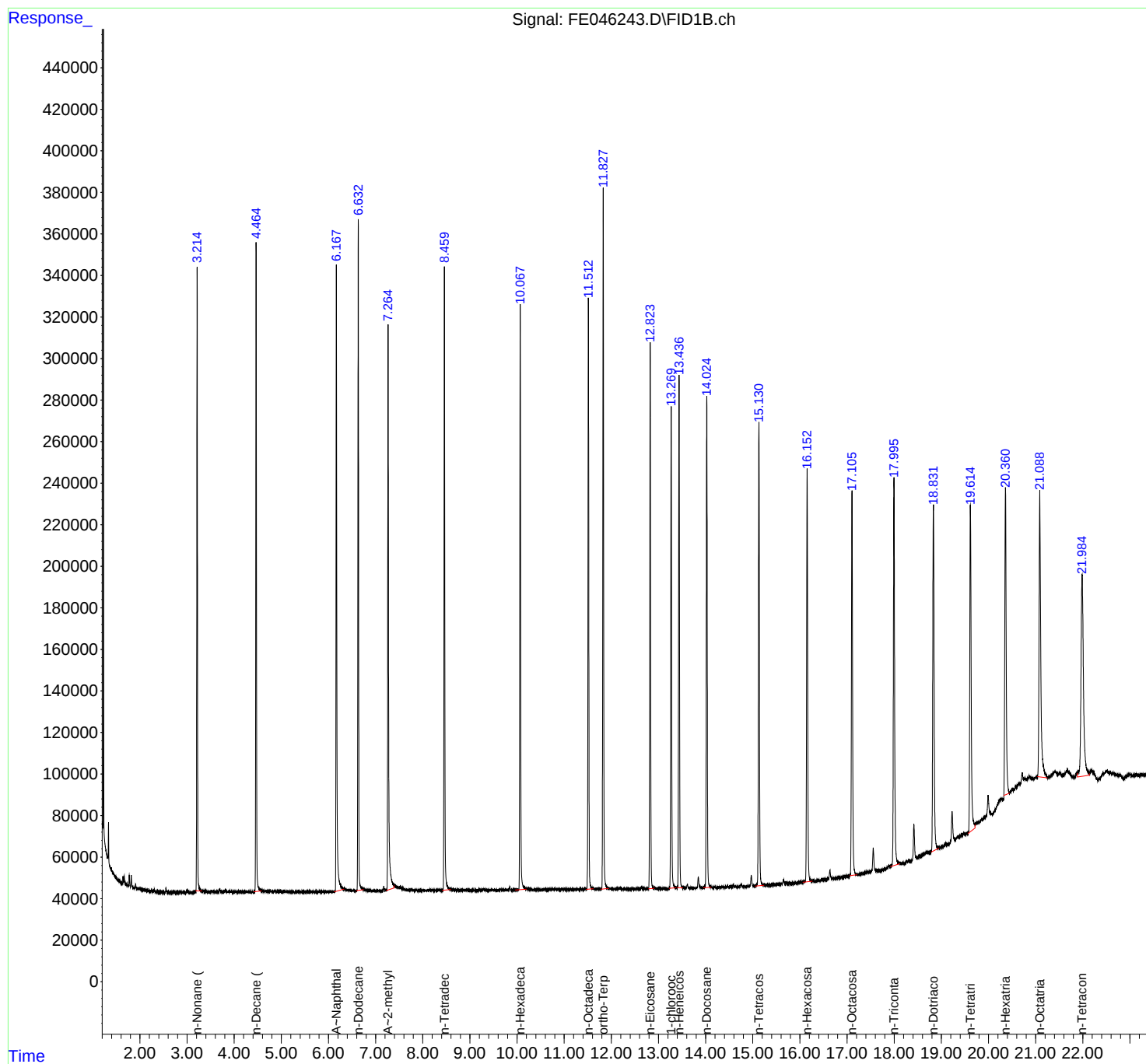
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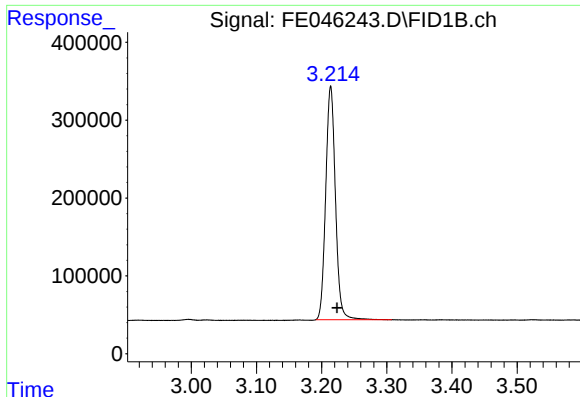
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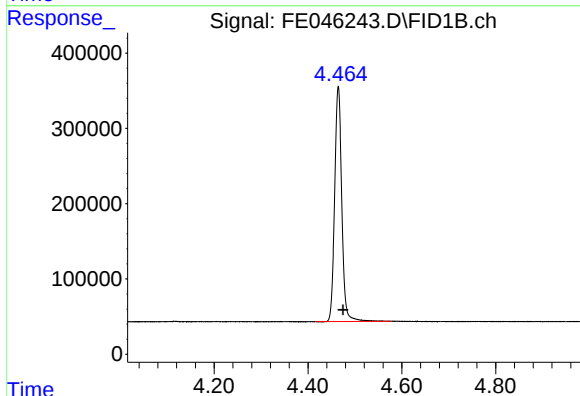




#1 n-Nonane (C9)

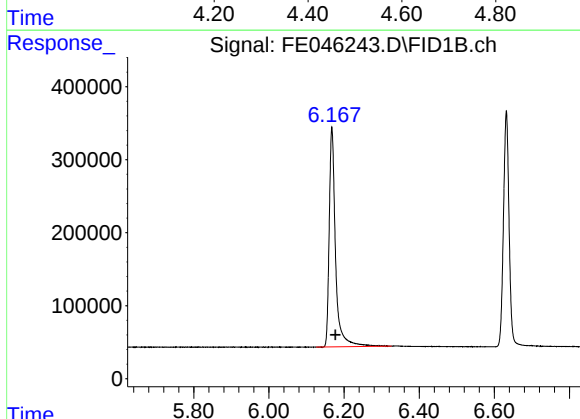
R.T.: 3.214 min
Delta R.T.: -0.010 min
Response: 3105530
Conc: 20.29 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



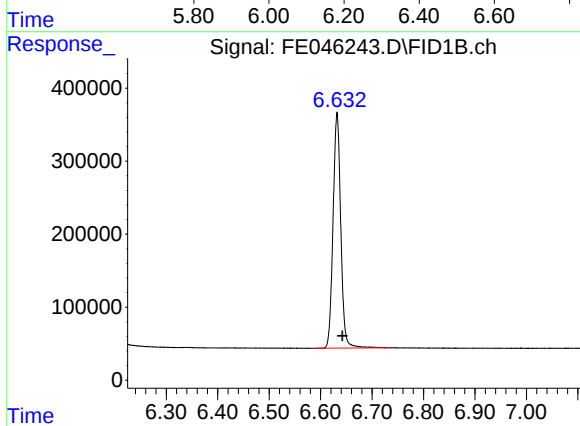
#2 n-Decane (C10)

R.T.: 4.465 min
Delta R.T.: -0.010 min
Response: 3293945
Conc: 21.22 ug/ml



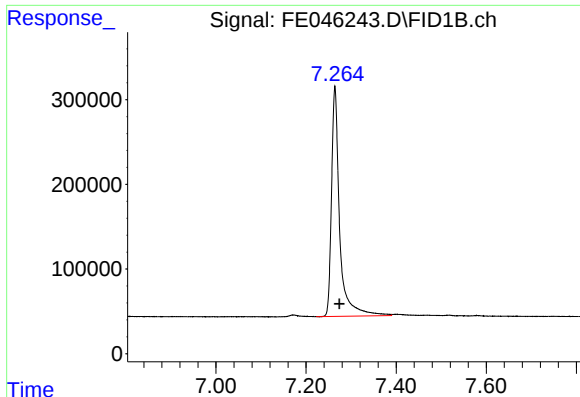
#3 A~Naphthalene (C11.7)

R.T.: 6.168 min
Delta R.T.: -0.009 min
Response: 3524679
Conc: 21.19 ug/ml



#4 n-Dodecane (C12)

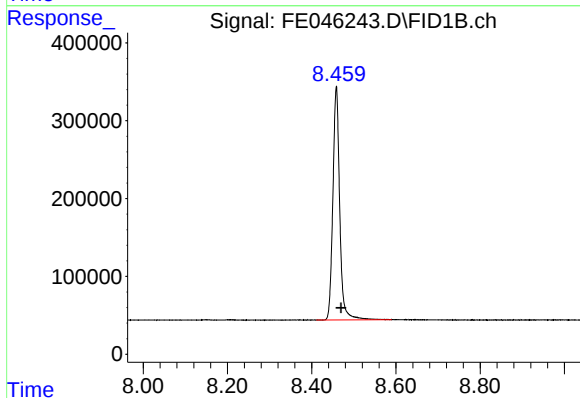
R.T.: 6.632 min
Delta R.T.: -0.011 min
Response: 3367690
Conc: 21.57 ug/ml



#5 A~2-methylnaphthalene (C12.89)

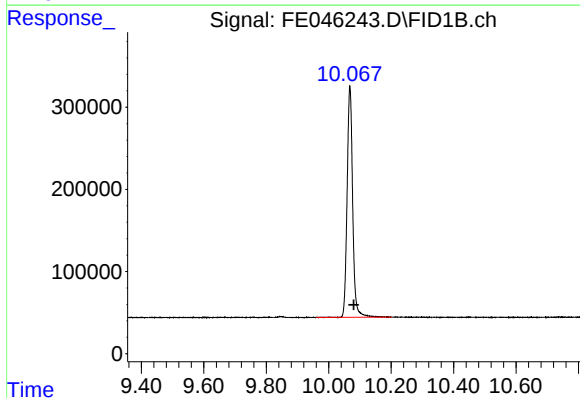
R.T.: 7.264 min
Delta R.T.: -0.010 min
Response: 3416632
Conc: 21.46 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



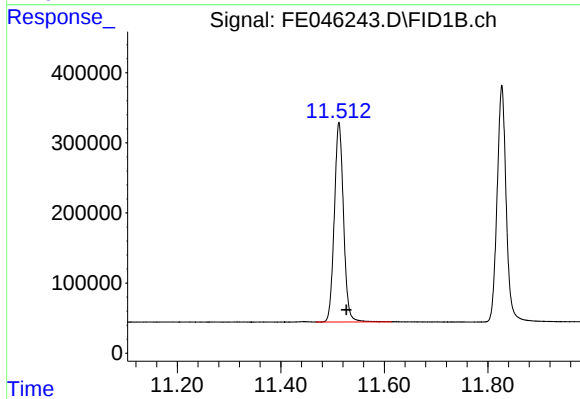
#6 n-Tetradecane (C14)

R.T.: 8.459 min
Delta R.T.: -0.011 min
Response: 3376778
Conc: 21.68 ug/ml



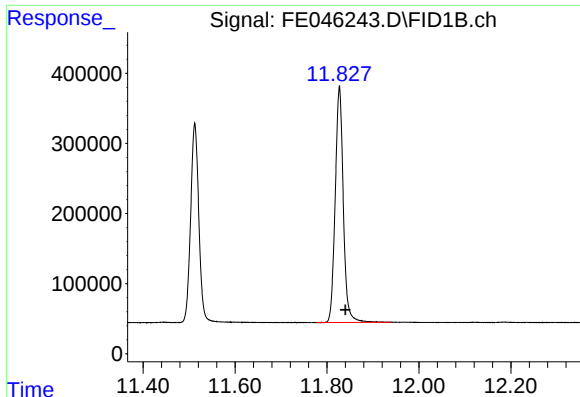
#7 n-Hexadecane (C16)

R.T.: 10.068 min
Delta R.T.: -0.012 min
Response: 3479027
Conc: 21.97 ug/ml



#8 n-Octadecane (C18)

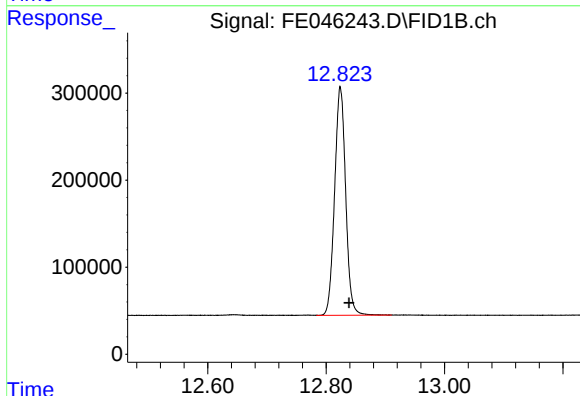
R.T.: 11.512 min
Delta R.T.: -0.014 min
Response: 3510435
Conc: 22.30 ug/ml



#9 ortho-Terphenyl (SURR)

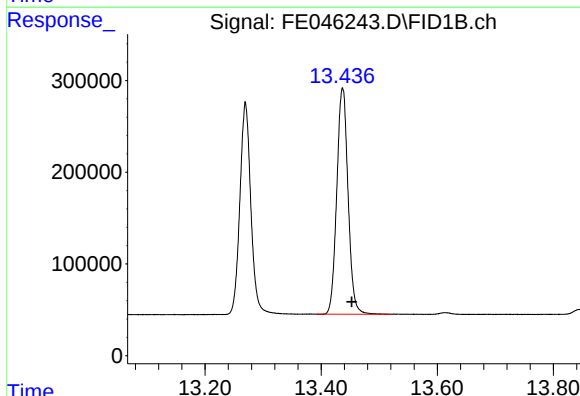
R.T.: 11.827 min
Delta R.T.: -0.013 min
Response: 4111375
Conc: 22.62 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



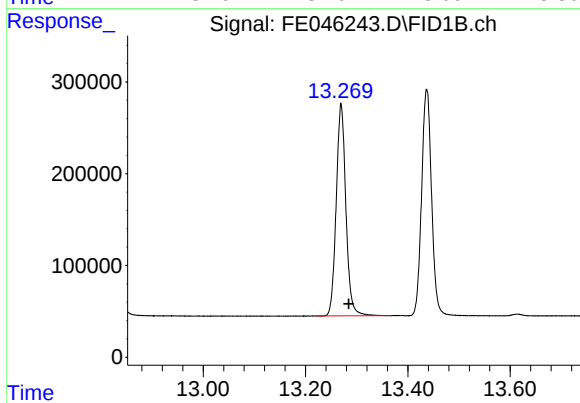
#10 n-Eicosane (C20)

R.T.: 12.824 min
Delta R.T.: -0.015 min
Response: 3400664
Conc: 22.48 ug/ml



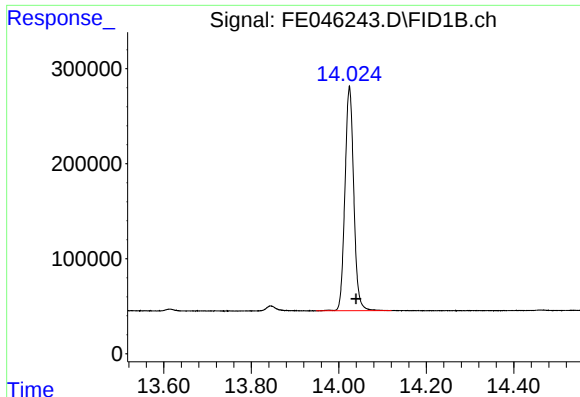
#11 n-Heneicosane (C21)

R.T.: 13.437 min
Delta R.T.: -0.016 min
Response: 3331764
Conc: 22.66 ug/ml



#12 1-chlorooctadecane (SURR)

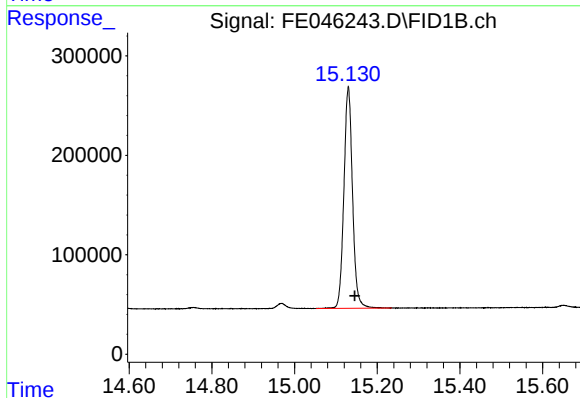
R.T.: 13.270 min
Delta R.T.: -0.015 min
Response: 3032085
Conc: 22.69 ug/ml



#13 n-Docosane (C22)

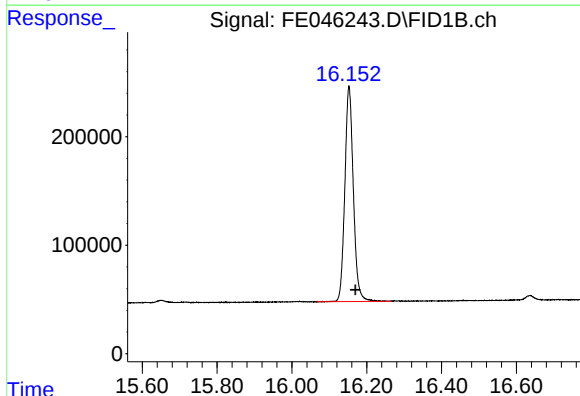
R.T.: 14.024 min
Delta R.T.: -0.015 min
Response: 3294260
Conc: 22.54 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



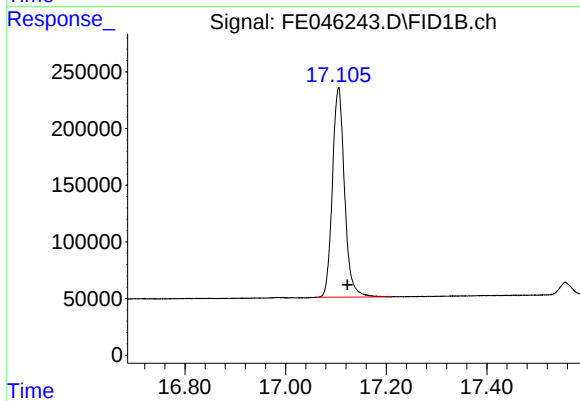
#14 n-Tetracosane (C24)

R.T.: 15.130 min
Delta R.T.: -0.015 min
Response: 3224627
Conc: 22.23 ug/ml



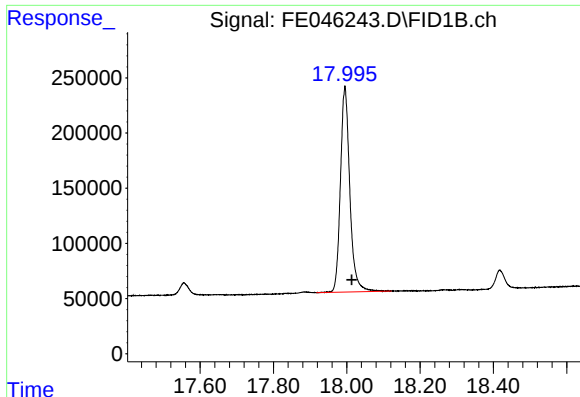
#15 n-Hexacosane (C26)

R.T.: 16.153 min
Delta R.T.: -0.017 min
Response: 3135801
Conc: 21.87 ug/ml



#16 n-Octacosane (C28)

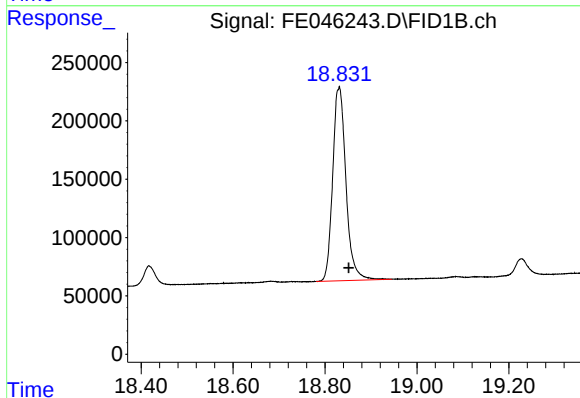
R.T.: 17.105 min
Delta R.T.: -0.017 min
Response: 3100778
Conc: 21.62 ug/ml



#17 n-Tricontane (C30)

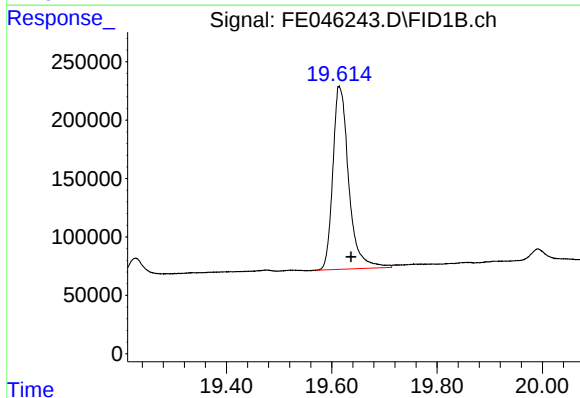
R.T.: 17.995 min
Delta R.T.: -0.019 min
Response: 3303403
Conc: 22.22 ug/ml

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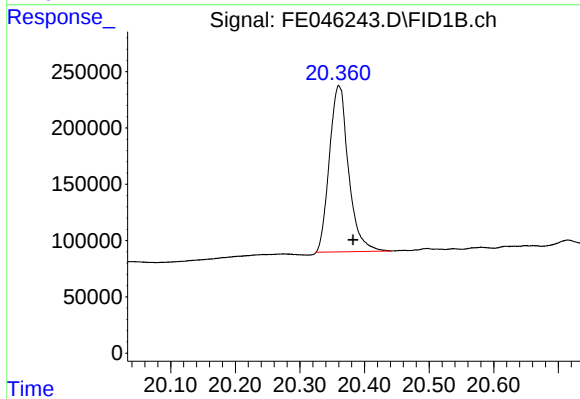
#18 n-Dotriacontane (C32)

R.T.: 18.831 min
Delta R.T.: -0.020 min
Response: 3319132
Conc: 22.19 ug/ml



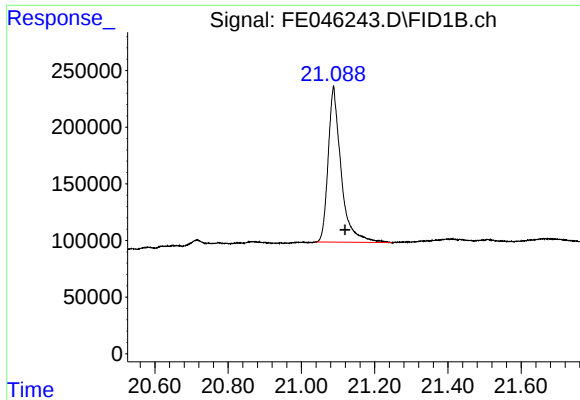
#19 n-Tetratriacontane (C34)

R.T.: 19.614 min
Delta R.T.: -0.023 min
Response: 3285004
Conc: 22.93 ug/ml



#20 n-Hexatriacontane (C36)

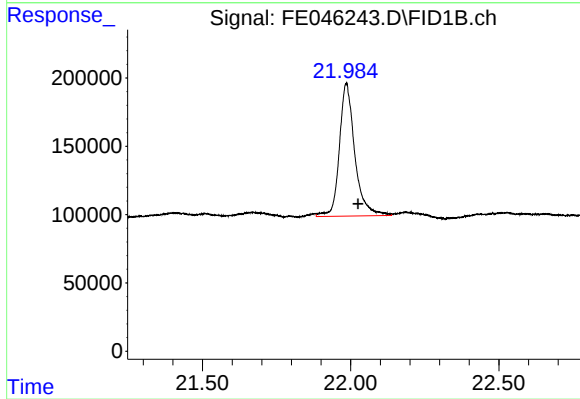
R.T.: 20.360 min
Delta R.T.: -0.022 min
Response: 3031314
Conc: 20.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.088 min
Delta R.T.: -0.032 min
Response: 3363933
Conc: 22.81 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.985 min
Delta R.T.: -0.040 min
Response: 3521003
Conc: 22.49 ug/ml